

Title (en)

Terminal memory management for hybrid ARQ

Title (de)

Endgerät mit Speicherverwaltung für hybrides ARQ

Title (fr)

Terminal avec gestion de mémoire pour un ARQ hybride

Publication

EP 1612984 A3 20070606 (EN)

Application

EP 05105792 A 20050629

Priority

JP 2004195548 A 20040701

Abstract (en)

[origin: EP1612984A2] A mobile radio communication terminal device can suppress increase in memory capacity and realize a MAC-hs buffer and an RLC buffer as a single physical memory. A MAC-hs processor separates packet data of MAC-hs PDU units that are received as input into packet data of RLC PDU units and then supply these data together with sequence numbers to a shared memory control device. A shared memory is a single physical memory that functions as the MAC-hs buffer and the RLC buffer. The shared memory control device assigns memory addresses of the shared memory in RLC PDU units in advance, and writes packet data of RLC PDU units that are applied as input from the MAC-hs processor to the corresponding memory addresses of the shared memory.

IPC 8 full level

H04L 1/18 (2006.01); **H04L 13/08** (2006.01); **H04W 4/00** (2009.01); **H04W 28/04** (2009.01)

CPC (source: EP US)

H04L 1/1835 (2013.01 - EP US); **H04L 1/1812** (2013.01 - EP US)

Citation (search report)

- [XY] WO 2004015906 A2 20040219 - INTERDIGITAL TECH CORP [US]
- [Y] WO 2004042993 A1 20040521 - PHILIPS INTELLECTUAL PROPERTY [DE], et al

Cited by

EP2026491A1; EP1985053A4; US8582484B2; WO2009021579A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1612984 A2 20060104; **EP 1612984 A3 20070606**; **EP 1612984 B1 20120125**; CN 100411330 C 20080813; CN 1716835 A 20060104; JP 2006020044 A 20060119; JP 4497299 B2 20100707; US 2006002416 A1 20060105

DOCDB simple family (application)

EP 05105792 A 20050629; CN 200510080446 A 20050701; JP 2004195548 A 20040701; US 16962005 A 20050630